



PTO/SB/08B (08-03)  
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**Complete if Known**

*(Use as many sheets as necessary)*

Sheet 1

of 1

Application Number	10/645,719
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Filing Date	August 20, 2003
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First Named Inventor	Daniel C. Sawyer
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### Art Unit

Examiner Name \_\_\_\_\_

Attorney Docket Number	2400/19
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[illegible]

**Examiner  
Signature**

Date  
Considered

7-20-05

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

**Complete if Known**

Application Number	10/645,719
Filing Date	August 20, 2003
First Named Inventor	Daniel C. Sawyer
Art Unit	
Examiner Name	
Attorney Docket Number	2400/19

Sheet 1

of 1

Attorney Docket Number	2400/19
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

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Signature**

Date Considered

7-23-05

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1

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Application Number	10/645,719
Filing Date	August 20, 2003
First Named Inventor	Daniel C. Sawyer
Art Unit	
Examiner Name	
Attorney Docket Number	2400/19

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
SM		US- 4,337,283	06-29-1982	Hass, Jr.	
SM		US- 5,958,527	09-28-1999	Prevost	
SM		US- 6,048,282	04-11-2000	Prevost	
SM		US- 6,338,885	06-15-2002	Prevost	
SM		US- 6,551,689	04-22-2003	Prevost	
SM		US- 6,689,447	02-10-2004	Prevost	
SM		US- 6,723,412	04-20-2004	Prevost	
SM		US- 6,746,752	06-08-2004	Prevost	
SM		US- 6,767,595	07-27-2004	Prevost	
SM		US- 2002/0029515	03-14-2002	Prevost	
SM		US- 2002/0136846	09-26-2002	Prevost	
SM		US- 2004/0058096	03-25-2004	Prevost	
SM		US- 2004/0219308	11-04-2004	Prevost	
SM		US- 2005/0008793	01-13-2005	Prevost	
SM		US- 2005/0031803	02-10-2005	Prevost	
SM		US- 2005/0044656	03-03-2005	Prevost	
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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7-7-05

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PTO/SB/08A (10-85)  
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Substitute for form 1448A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete If Known</b>	
Application Number	10/645,719			
Filing Date	8/20/03			
First Named Inventor	Daniel C. Sawyer			
Group Art Unit				
Examiner Name				
Attorney Docket Number	2400/19			
Sheet	1	of	10	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	And Class (if known)			
W		1,652,776		Galanis	12-13-27	
W		2,179,631		Holder	11-14-39	
W		3,304,219		Nickerson	02-14-67	
W		3,459,179		Olesen	08-05-69	
W		3,503,841		Sterrett	03-31-70	
W		3,529,306		Thorne	09-22-70	
W		3,552,044		Wiele	01-05-71	
W		3,629,882		Thorne	12-28-71	
W		3,663,344		Brock et al.	05-16-72	
W		3,755,063		Massev et al.	08-28-73	
W		3,816,234		Winfield	06-11-74	
W		4,011,611		Lederman	03-15-77	
W		4,139,920		Evans	02-20-79	
W		4,193,499		Lookholder	03-18-80	
W		4,343,047		Lazowski et al.	08-10-82	
W		4,472,472		Schultz	09-18-84	
W		4,620,633		Lookholder	11-04-86	
W		4,642,814		Godfrev	02-17-87	
W		4,657,003		Wirtz	04-14-87	
W		5,079,787		Pollmann	01-14-92	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Accord
		Office	Number			
W		GB	1 378 494	Bolton et al.	12-27-74	
W		CH	577 328	Not considered	07-15-76	

Examiner Signature: <i>[Signature]</i>	Date Considered: 7-7-05
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1 Unique citation designation number: See attached lines of U.S. Patent Documents. 2 Enter Office that issued the document by the two-letter code (MPC Standard ST 3). 3 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 4 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 5 Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	of	10	Application Number	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code‡ (if known)			
NAV		5,103,517		Krouskop	04-14-92	
A		5,134,726		Ross	08-04-92	
M		5,201,780		Dinsmoor, III et al.	04-13-93	
in		5,369,829		Jay	12-06-94	
u		5,397,620		Hord, III	03-14-95	
u		5,464,443		Wilson et al.	11-07-95	
u		5,545,128		Haves et al.	08-13-96	
u		5,584,072		Kim et al.	12-17-96	
u		5,626,657		Pearce	05-06-97	
u		5,669,079		Morgan	09-23-97	
u		5,675,844		Guyton et al.	10-14-97	
u		5,699,561		Broersma	12-23-97	
u		5,711,029		Visco et al.	01-27-98	
u		5,357,015		Haruvy et al	10-18-94	
u		5,922,161		Wu et al	07-13-99	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.†	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7*
		Office‡	Number‡				

Examiner Signature		Date Considered	7-7-05
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† Unique citation designation number. ‡ See attached Kinds of U.S. Patent Documents. § Enter Office that issued the document, by the two-letter code (WIPIC Standard ST.31). ¶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*\* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. †† Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number		
			Filing Date		
			First Named Inventor		
			Group Art Unit		
			Examiner Name		
Sheet	3	of	10	Attorney Docket Number	

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
AM		3,477,562		Allen et al.	11-11-1969	
AM		3,563,837		Smith et al.	02-16-1971	
AM		3,606,726		Sbertus et al.	09-21-1971	
AM		3,889,444		Davis et al.	06-17-1975	
AM		3,968,620		Keltner	07-13-1976	
AM		4,054,204		Keeton	10-18-1977	
AM		4,102,109		Modra et al.	07-25-1978	
AM		4,121,399		Verville	10-24-1978	
AM		4,391,561		Smith et al.	07-05-1983	
AM		4,640,080		Wright	02-03-1987	
AM		5,052,874		Johanson	10-01-1991	
AM		5,079,787		Pollmann	01-14-1992	
AM		5,351,830		Bender et al.	10-04-1994	
AM		5,515,975		Jarvis et al.	05-14-1996	
AM		5,622,030		Steed et al.	04-22-1997	
AM		5,694,747		Tesch	12-09-1997	
AM		5,711,215		Sextl et al.	01-27-1998	
AM		5,712,015		Gullem	01-27-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>2</sup>	Number <sup>2</sup>	Kind Code <sup>2</sup> (if known)				

Examiner Signature	Date Considered <b>7-7-05</b>
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<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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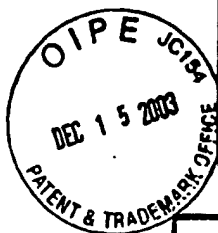
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 4 of 10

*Complete if Known*

Application Number	
Filing Date	
First Named Inventor	
Group Art Unit	
Examiner Name	
Attorney Docket Number	

### U.S. PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
<i>[initials]</i>		2,298,218		Madson	06-27-1940	
<i>[initials]</i>		3,608,961		Heck	09-28-1971	
<i>[initials]</i>		3,762,404		Sakita	10-02-1973	
<i>[initials]</i>		3,968,530		Dyson	07-13-1976	
<i>[initials]</i>		4,171,549		Morrell et al.	10-23-1979	
<i>[initials]</i>		4,370,754		Donzis	02-01-1983	
<i>[initials]</i>		4,432,110		Sutton	02-21-1984	
<i>[initials]</i>		4,475,248		L'Abbe et al.	10-09-1984	
<i>[initials]</i>		4,577,358		Glass	03-25-1986	
<i>[initials]</i>		4,606,087		Alivizatos	08-19-1986	
<i>[initials]</i>		4,607,403		Alivizatos	08-26-1986	
<i>[initials]</i>		4,905,320		Souvers, Jr.	03-06-1990	
<i>[initials]</i>		5,134,725		Yeshurun et al.	08-04-1992	
<i>[initials]</i>		5,152,019		Hirata	10-06-1992	
<i>[initials]</i>		5,279,237		Alivizatos	01-18-1994	
<i>[initials]</i>		5,537,688		Reynolds et al.	07-23-1996	
<i>[initials]</i>		5,733,012		Jones	03-31-1998	
<i>[initials]</i>		5,778,470		Haider	07-14-1998	
<i>[initials]</i>		5,826,273		Eckes	10-27-1998	

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		Office <sup>1</sup>	Number <sup>1</sup>	Kind Code <sup>2</sup> (if known)				
<i>[initials]</i>		FR	2495-453		Comte	06-11-1982		
<i>[initials]</i>		FR	2616-655		Luc	12-23-1988		

Examiner  
Signature

*[Signature]*

Date  
Considered

2-2-05

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<sup>2</sup> Unique citation designation number. <sup>3</sup> See attached Kinds of U.S. Patent Documents. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete If Known</b>		
Sheet	5	of	10	Application Number	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
WJH		2,404,758		Teague et al.	12-10-1940	
WJH		3,006,780		Shaffer	11-04-1959	
WJH		3,304,219		Nickerson	05-02-1962	
WJH		3,616,162		Noziere	10-26-1971	
WJH		3,857,731		Merrill, Jr. et al.	12-31-1974	
WJH		3,864,181		Wolinski et al.	02-04-1975	
WJH		4,624,893		Shibano et al.	11-25-1986	
WJH		4,705,715		DeCoste, Jr. et al.	11-10-1987	
WJH		4,740,416		DeCoste, Jr. et al.	04-26-1988	
WJH		4,855,170		Darvell et al.	08-08-1989	
WJH		5,055,340		Matsumura et al.	10-08-1991	
WJH		5,614,310		Delgado et al.	03-25-1997	
WJH		5,720,714		Penrose	02-24-1998	
WJH		5,746,013		Fay, Sr.	05-05-1998	
WJH		4,756,026		Pierce	07-12-88	
WJH		5,301,370		Henson	04-12-94	
WJH		3,489,154		Kaspar et al.	01-13-70	
WJH		5,916,672		Reeves	06-29-99	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>2</sup>	Kind Code <sup>5</sup> (if known)				

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		Filing Date	
		First Named Inventor	
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	
Sheet	6	of	10

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JFM		Sales Literature of Faytex Corp., circa 1998	
JFM		Sales Literature of JSP International 1998	
JFM		Sales Brochure "Product Samples" of JSP International 1998	
JFM		Internet Ad of EcoByDesign 2003	
JFM		Internet Ad of Midwest Padding 2003	
JFM		Internet Ad of SilentWalk 2003	
JFM		Internet Ad of Tuplex Corp. 2003	

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Sheet 7 of 10

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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code² (If known)			
W		5,888,642		Meteer et al.	3-1999	
W		5,916,672		Reeves et al.	6-1999	
W		3,489,154		Kaspar et al.	1-1970	
W		5,073,444		Shanelee	12-1991	
W		3,856,721		Fritschel	12-24-1974	
W		4,034,506		Kasahara	7-12-1977	
W		4,250,136		Rex	2-10-1981	
W		4,303,729		Torobin	12-1-1981	
W		5,837,739		Nowak	11-17-1998	
W		5,100,258		VanWagoner	3-31-1992	
W		5,102,260		Horvath	4-7-1992	
W		5,713,696		Horvath	2-3-1998	
W		5,920,915		Bainbridge	7-13-1999	
W		6,032,300		Bainbridge	3-7-2000	
W		6,055,676		Bainbridge	5-2-2000	
W		6,098,209		Bainbridge	8-8-2000	
W		6,301,722		Nickerson	10-16-2001	
W		6,357,054		Bainbridge	3-19-2002	
W		6,453,477		Bainbridge	9-24-2002	
W		6,453,477		Bainbridge	9-24-2002	

## FOREIGN PATENT DOCUMENTS

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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		Number	Kind Code <sup>2</sup> (if known)			
Wm		3,354,578		Ryan	11-28-1967	
Wm		3,640,787		Heller	02-08-1972	
Wm		3,663,469		Weissmahr	05-16-1972	
Wm		3,676,288		Hoyle	07-11-1972	
Wm		3,978,263		Wellensiek	08-31-1976	
Wm		4,229,398		Harvey	10-21-1980	
Wm		4,240,998		Lichter et al.	12-23-1980	
Wm		4,243,617		Burge	01-06-1981	
Wm		4,443,286		Ikeda et al.	04-17-1984	
Wm		4,492,877		Burnett	01-15-1985	
Wm		5,080,737		Shoner	01-14-1992	
Wm		5,587,231		Mereer et al.	12-24-1996	
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Wm		4,751,202		Toussaint	6-14-1988	
Wm		4,751,203		Toussaint	6-14-1988	
Wm		4,989,794		Askew et al.	2-5-1991	
Wm		5,292,840		Heilmann et al.	3-8-1994	

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**Filing Date****First Named Inventor**

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#### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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		Art Unit	
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		Attorney Docket Number	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>6</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
<i>[Signature]</i>		US- 3,674,684	7/4/72	Gollan	
<i>[Signature]</i>		US- 5,356,344	10/18/94	Lemieux	
<i>[Signature]</i>		US- 5,373,667	12/20/94	Lemieux	
<i>[Signature]</i>		US- 6,375,546	4/23/02	Lemieux	
<i>[Signature]</i>		US- 6,602,113	8/5/03	Lemieux	
<i>[Signature]</i>		US- 6,558,548	5/6/03	Svirkiys	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>6</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>3</sup>	-Number <sup>4</sup> - Kind Code <sup>2</sup> (if known)				

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